



# ENERGY ASSURANCE DAILY

Wednesday Evening, July 10, 2013

## ***Electricity***

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### **Update: 10,000 Hydro One Customers in Toronto Remain Without Power July 10; Customers Asked to Conserve Power as Grid Remains Unstable**

Hydro One crews have been working non-stop to restore power after heavy rain in the Greater Toronto Area Monday night caused severe flooding at its Richview and Manby Transmission Stations, causing 400-500,000 customers to lose power. As of Wednesday morning, the company reported approximately 10,000 customers without power. Over the last thirty-six hours, the company reconfigured its Toronto area electricity system to restore power to as many customers as possible. This involved taking the two critical transformer stations offline. While the majority of customers have been restored, the system has not been fully stabilized. In the coming days, Hydro One will continue repair these stations to bring the system back to normal operations. The company said Wednesday there was limited need to continue with intermittent power outages; however, until the system is fully stable, the potential still existed for further intermittent outages. In addition, the Independent Electricity System Operator (IESO) – the organization responsible for balancing power supply in Ontario – asked Toronto electricity consumers to continue reducing their electricity use to help relieve strain on the system. IESO warned that supply within parts of the west end of Toronto remained uncertain given the system reconfiguration.

<http://www.newswire.ca/en/story/1196799/hydro-one-power-outage-update>

[http://www.ieso.ca/imoweb/media/md\\_newsitem.asp?newsID=6522](http://www.ieso.ca/imoweb/media/md_newsitem.asp?newsID=6522)

### **Severe Storms Knock Out Power to 16,000 DTE Customers in Metro Detroit Overnight**

Severe storms caused 16,000 DTE customers to lose power in Detroit metropolitan area overnight July 9-10.

Flooding and felled trees were also reported further hampering power restoration efforts. 9,000 customers remained without power this morning as the area expected more severe weather.

<http://www.freep.com/article/20130710/NEWS05/307100055/Power-out-storm-flooding-weather>

### **Transmission Line Problem Knocks Out Power to 34,000 Duke Energy Progress Customers in North Carolina July 9**

Duke Energy reported power outages in eastern Wilmington and Wrightsville Beach, North Carolina yesterday due to a problem with equipment on a transmission line. Power was restored later in the day.

<http://portcitydaily.com/2013/07/09/breaking-news-massive-power-outages-in-new-hanover-county/>

### **NYPA Activates Program to Reduce Public Facility Electricity Use in New York City For Third Day July 10 Due to Heat**

The New York Power Authority (NYPA) activated its program for a third consecutive day to reduce electricity use at public-facility locations in New York City in response to anticipated higher energy demand on hot and humid days. NYPA's Peak Reduction Program, which can be operated for up to 15 days between June 1 and September 1, features voluntary commitments by the Metropolitan Transportation Authority and the City University of New York to lower electricity use at 20 New York City locations during the highest-demand days of the air-conditioning season to help ensure reliable supplies of electricity. Under the Peak Reduction Program, NYPA's New York City governmental customers are committed to curtail a total of nearly 14 MW of electricity when called upon. The duration of the reductions is limited to two to six hours, between 11 a.m. and 7 p.m.

<http://www.nypa.gov/NYPAPressCenter/PressRelease/News/For%20the%20Second%20Consecutive%20Day%20NY%20Power%20Authority%20Activates%20Power%20Demand%20Reduction%20Program%20to%20Support%20Reliable%20Electricity%20Service%20in%20NYC.html>

### **Southwest Power Pool Fined for Electric Reliability Violations July 10**

Possible violations of electric reliability standards caused Southwest Power Pool (SPP) to agree to pay a \$50,000 civil penalty to federal energy regulators. The violation occurred on December 26, 2007, when SPP temporarily lost all primary communications with and visibility of system conditions at its primary control center in Arkansas. FERC's Office of Enforcement and the North American Electric Reliability Corp (NERC) investigated the event and determined SPP violated some reliability requirements. In addition, the U.S. Federal Energy Regulatory Commission (FERC) said SPP agreed to make semi-annual reliability compliance reports to the FERC Office of Enforcement for up to two years.

Reuters, 10:33 July 10, 2013

### **Update: Entergy's 1,006 MW Indian Point Nuclear Unit 2 in New York at Full Power by July 10**

On the morning of July 9 the unit was operating at 25 percent after workers repaired a main feedwater regulator valve Monday.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **Update: TVA's 1,118 MW Browns Ferry Nuclear Unit 2 in Alabama at Full Power July 10**

On the morning of July 9 the unit was operating at 41 percent according to the Nuclear Regulatory Commission.

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2013/>

### **CDWR's 933 MW Hyatt-Thermalito Hydro Unit in California Returns to Service by July 9**

The unit returned from a planned curtailment of 509 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201307091515.html>

### **Dynegy Moss Landing, LLC's 756 MW Moss Landing Unit 7 Gas-fired Unit in California Reduced by July 9**

The unit entered an unplanned curtailment of 356 MW.

<http://content.aiso.com/unitstatus/data/unitstatus201307091515.html>

## ***Petroleum***

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### **BSEE Responds to Loss of Well Control at Energy Resources Technology Oil & Gas Production Platform in the Gulf of Mexico July 9**

The Coast Guard and Bureau of Safety and Environmental Enforcement (BSEE) responded to a loss of well control at Ship Shoal Block 225 Platform B, a natural gas and crude oil platform located in the Gulf of Mexico. The Coast Guard and BSEE received a report from Energy Resources Technology (ERT), owner of the oil and natural gas production platform. Work to temporarily plug Well #B2 was on-going when workers became aware of the well control event. Two other wells on Platform B were producing at the time and were subsequently shut-in. All platform personnel were safely evacuated from the platform. BSEE inspectors and Coast Guard pollution responders conducted overflights earlier today. According to ERT's site assessment, natural gas is flowing from the well and there is a rainbow sheen visible on the surface estimated to be more than four miles wide by three quarters of a mile long. Both BSEE and the Coast Guard are monitoring well control and pollution response efforts.

<http://www.bsee.gov/BSEE-Newsroom/Press-Releases/2013/Press07092013.aspx>

### **Crude Supply to Irving Oil's 300,000 b/d St. John Refinery in New Brunswick Not Expected to be Significantly Impacted by Train Derailment**

The oil tanker train derailment July 6, which closed the Montreal, Maine & Atlantic Railway line, is not expected to significantly affect crude oil supply to Irving Oil's St. John refinery. That line, which is expected to be out-of-service for an extended period of time for clean up, had shipped 17,000 b/d of crude through Maine in April, prior to the derailment. Irving Oil will continue to receive waterborne crude oil from New York State. Irving Oil has been moving Bakken crude oil to Albany, New York by rail and then onwards to Canada by tanker since Dec. 2012. From January to May of this year, Irving Oil has imported about 2.9 million barrels, or 20,000 b/d, of U.S. crude to Canada, with the vast majority of it leaving from New York, according to data gathered by port intelligence group PIERS. In addition, a second train route can carry U.S. oil to New Brunswick, owned by Pan Am Railways, also remains open. That line shipped just over 12,400 b/d of crude through Maine in March, according to Maine government figures.

Reuters, 18:33, July 9, 2013

### **FCCU Shut at Valero's 310,000 b/d Port Arthur, Texas Refinery July 9**

The FCCU was taken out of production after an upset, according to a filing with Texas Commission on Environmental Quality.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=185296>

### **Leak Reported at Tesoro's 265,000 b/d Carson, California Refinery July 9**

A leak due to a build-up of pressure in the line causing the release through a valve was reported at the Los Angeles-area refinery. The leaked substance was identified as light cycle oil.

Reuters, 19:58 July 9, 2013

### **HCU Start-up Begins at Valero's 205,000 b/d St. Charles, Louisiana Refinery July 10**

Startup procedures on the new hydrocracking unit (HCU) have started at the St. Charles refinery and are expected to progress over the next several days.

Reuters, 9:56 July 10, 2013

## ***Natural Gas***

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### **Auxiliary Burner Out at Southern Union's 140 MMcf/d Keystone Gas Plant in Texas July 9**

The auxiliary burner flame blew out yesterday at Southern Union's Keystone plant and acid gas had to be backed out from the sulfur recovery unit (SRU) to relight it. The burner was relit and acid gas was reintroduced to the SRU.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=185322>

### **Acid Gas Injector Shut at Enbridge's Tilden Gas Plant July 9**

Enbridge reported the acid gas injector (AGI) # 1 went down yesterday at its Tilden plant due to a faulty AGI compressor motor. The AGI motor was restarted and determined to have bad windings. The motor is scheduled to be repaired today.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=185319>

## ***Other News***

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### **\$20,000 in Copper Wire Stolen from Electric Substation in Florida July 8**

Police are searching for three suspects who stole \$20,000 in copper cables from a Cape Coral Lee County Electric Cooperative substation.

[http://www.winknews.com/Local-Florida/2013-07-08/Thieves-take-40000-in-copper-from-LCEC-substation#.UdwB3\\_mIFKB](http://www.winknews.com/Local-Florida/2013-07-08/Thieves-take-40000-in-copper-from-LCEC-substation#.UdwB3_mIFKB)

## ***International News***

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### **Sudan Will Not Shut Pipeline Carrying South Sudanese Oil July 9**

Sudan announced Tuesday that it will not shut a pipeline that transports South Sudanese oil following an agreement last week. At the beginning of June, the Sudanese Ministry of Petroleum suspended a package of security and economic agreements that were worked out between the two states and published a letter stating that it would shut down processing and transportation infrastructure affecting South Sudanese crude for sixty days.

[http://www.downstreamtoday.com/news/article.aspx?a\\_id=40025](http://www.downstreamtoday.com/news/article.aspx?a_id=40025)

## Energy Prices

U.S. Oil and Gas Prices July 10, 2013			
	Today	Week Ago	Year Ago
<b>CRUDE OIL</b> <b>West Texas Intermediate U.S.</b> \$/Barrel	105.73	101.89	85.32
<b>NATURAL GAS</b> <b>Henry Hub</b> \$/Million Btu	3.69	3.58	2.78

Source: Reuters

## Links

***This Week in Petroleum*** from the U.S. Energy Information Administration (EIA)

<http://www.eia.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

***Weekly Petroleum Status Report*** from EIA

[http://www.eia.gov/oil\\_gas/petroleum/data\\_publications/weekly\\_petroleum\\_status\\_report/wpsr.html](http://www.eia.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html)

Updated after 10:30 AM & 1:00 PM ET every Wednesday.

***Natural Gas Weekly Update*** from EIA

<http://www.eia.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM ET every Thursday.

### ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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